

6730, Law Peak

Project	2018 CSI GPS
Created	2018-01-09 15:51:32 NZDT by Neville Palmer
Updated	2018-03-29 14:25:34 NZDT by GeodeticOne Tectonophysics
Location	-43.87189136, 169.3663467
Status	■ Retrieved
Geodetic Code	6730
Station Name	Law Peak
Station Height (m)	1978.8652
Station Height (ft)	6492

Mark, Site & Photo Details

Mark & Protection Details

Mark Type	Stainless Steel Pin
Mark Physical State	Reliable / Found
Mark Description	This mark is used for deformation monitoring, do not alter the ground mark in any way. Stainless steel pin cemented into 2" dia. galvanised pipe.

Plates & Plaques

ID Plaque (bronze)	ID Plaque does Not Exist and was Not Installed
ID Plate (aluminium)	ID Plate does Not Exist and was Not Installed
Information Plate (aluminium)	Info Plate does Not Exist and was Not Installed

Protection

Primary Protection	No Protection
Secondary Protection	No Protection

Beacon Details

Beacon Type	Not Beacons
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Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	-0.2
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Maintenance Completed and Required

Mark Maintenance Completed	No
Beacon Maintenance Completed	No
Protection Maintenance Completed	No
Mark Maintenance Required	No
Beacon Maintenance Required	No
Protection Maintenance Required	No

Verification

Have all mark and protection fields above been updated or verified to be correct?	Yes
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Site & Access Details

Access and Location Description	By helicopter. Helicopter hover landing near beacon.
Access vehicle	Heli
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	No signal or unreliable signal
Vodafone	No signal or unreliable signal
2 Degrees	No signal or unreliable signal

Verification

Have all site & access fields above been updated or verified to be correct? Yes

Photographs

Photo of Survey Mark



Photo of Immediate Site



Photo of Extended Site



Verification

Is there at least one photo taken for each field above?	Yes
Have any mark, site or photo details been updated or verified?	Yes - All details have been fully updated or verified.
Updated by:	Rory Hart

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	DoC - West Coast Tai Poutini Conservancy
Phone	03 751 0807
Address	Main Road, PO Box 9, Fox Glacier,

Contact Comments

Access permission restrictions (to report in LINZ GDB)	No Reported Access Restrictions
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Owner

Is the owner known?	Yes
First Name	-
Last Name	South Westland - Weheka Area Office
Address	Main Road, PO Box 9, Fox Glacier,
Phone	03 751 0807

Site Contact

Is the site contact person known?	Same as owner
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Access Contact

Is the access contact person known?	Same as site contact
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Verification

Have all owner & contact fields above been updated or verified to be correct?	Yes
Have any owner or contact details been updated or verified?	Yes - All details have been fully updated or verified.
Updated by:	Rory Hart

Occupations

6730, 2018-03-23, 12:49, GNS16, 0440101789, 5700, Trimble

Geodetic Code	6730
Station Name	Law Peak

Deployment

Observer(s)	Jerry Simonsen, Rory Hart
GNSS Receiver	GNS16, 0440101789, 5700, Trimble
GNSS Antenna	GNS16, 12214598, Zephyr Geodetic, Trimble
Antenna radome used?	NONE

Plumbing

Antenna Mount or Monument	Tripod
Set-up using a rotating optical plummet?	Yes
Bubble Centred?	Yes
Cross-hair on target?	Yes
Plummet Check OK?	Yes

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	24
Compass should read (magnetic bearing)	336
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	8
1st Height	1.044
2nd Notch Number	3
2nd Height	1.045
3rd Notch Number	5
3rd Height	1.045
Check Height Units	Decimal Inches
Check Height	41.14
Check Height Converted to Metres	1.045

Start Time

Occupation Start Date (local)	2018-03-23
Occupation Start Time (local)	12:49
Occupation Start UTC	Thu, 22 Mar 2018 23:49:00 GMT
Year and DoY (UTC)	2018-081

Battery Details

Number of batteries deployed	One
ID of Battery 1	06N
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.71

This site is being deployed with multiple batteries. Please comment with all relevant details of the batteries deployed.

Retrieval

Observer(s)	Jerry Simonsen, Rory Hart
Was receiver logging on arrival?	No
Explain why receiver was not logging (eg Flat battery)	Flat battery

Battery Details

No batteries were recorded at deployment.

More than two batteries were recorded as deployed at this occupation. Comment below as necessary.

ID of Battery 1	06N
Voltage of Battery 1 at Deployment	12.71
Voltage of Battery 1 at Retrieval	11.83

End Time

Occupation End Date (local)	2018-03-29
Occupation End Time (local)	10:09

Occupation End UTC	Wed, 28 Mar 2018 21:09:00 GMT
Year and DoY (UTC)	2018-087

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	24
Compass should read (magnetic bearing)	336
Aligned to True North	No
Explain why not aligned north.	Loose pin meant antenna swung around to bearing of 176 degrees.

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	7
1st Height	1.043
2nd Notch Number	5
2nd Height	1.042
3rd Notch Number	3
3rd Height	1.042
Check Height Units	Decimal Inches
Check Height	41.02
Check Height Converted to Metres	1.0419
Average Height recorded at Deployment	1.0447

Plumbing

Bubble Centred?	Yes
Cross-hair on target?	Yes
Plummet Check OK?	Yes

EDS27, 17890810.t01, 17890830.t01

Current Station	6730 - Law Peak
Station Occupation times (UTC)	Start: 23:49 DoY 2018-081 UTC End: 21:09 DoY 2018-087 UTC
ID of Download Device	EDS27
Downloaded by:	Rory Hart
Download Date	2018-03-29
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	17890810.t01
Latest File Name Downloaded	17890830.t01
Total number of files downloaded.	3

Summary of Downloaded Files

Earliest Filenames Downloaded	17890810.t01
Latest Filenames Downloaded	17890830.t01
Numbers of files Downloaded	3

For each block of downloaded files there will be an earliest and latest file downloaded, plus the total number of files downloaded. Typically there will only be one download block per occupation. Occasionally a receiver will be downloaded several times during an occupation (eg during an extended semi-cGPS occupation). In this instance there will be multiple earliest, latest, and number of files downloaded. These are summarised in the comma delimited lists above.